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I claim:

- 1. A tube for implantation into an eye to serve as a
 2 conduit for aqueous humor to bypass angle structures and act as a
 3 nidus for formation of a capsule for filtration of aqueous humor
 4 to subconjunctival tissue, the nidus comprising a lateral portion
 5 of the tube being peeled back thereby creating:
 - (a) an open side walled portion of the tube; and,
- 7 (b) a peeled back portion;
- 8 both of which act as nidi for membranous tissue formation of
- 9 filtration capsules.
 - 2. The tube of claim 1, further comprising a plurality of lateral, peeled back portions of the tube being removed, the portions being located serially along the length of the tube.
- 1 3. The tube of claim 2 wherein the lateral, peeled back 2 portions are situated in a non-overlapping configuration.
- 1 4. The tube of claim 2 wherein the lateral, peeled back 2 portions are situated in an overlapping configuration.
- 5. The tube of claim 2 wherein the lateral, peeled back portions are separated by whole cylindrical portions.

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- 6. The tube of claim 5, further comprising a ligature being tied to each of the whole cylindrical portions whereby flow through the whole cylindrical portions may be prevented.
- 7. The tube of claim 6 wherein the ligatures are comprised of slip knots.
- 1 8. The tube of claim 1 wherein the tube comprises a
 2 proximal end and a distal end with the distal end comprising the
 3 tube end being split.
 - 9. The tube of claim 8 wherein an anchor location of the tube for connection of the anchor location to the sclera at the limbus is located on the proximal end of the tube.
 - 10. The tube of claim 8 wherein an anchor located on the distal end of the tube comprises a split end of the tube wherein the end of the tube is split multiple times which split portions, after a bleb is formed around them, serve as an anchor.
- 1 11. The tube of claim 1 wherein the diameter of the tube is2 approximately 100 microns.
- 1 12. The anchor of claim 10 wherein the split end is bifurcated.

- 1 13. The anchor of claim 10 wherein the split end is quadricated.
- 1 14. The tube of claim 1 wherein a cross section of the open 2 side walled portion normal to the length of the tube is in the 3 shape of an arch.
- 1 15. A cylindrical tube for implantation into an eye to
 2 serve as a conduit for aqueous humor to bypass angle structures
 3 and serve as a nidus for formation of a filtration capsule, the
 4 tube comprising lateral portions of the tube being removed
 5 thereby creating a plurality of open side wall portions of the
 6 tube.
 - 16. The tube of claim 15, further comprising the open side wall portions of the tube being located serially along the length of the tube.
- 1 17. The tube of claim 16 wherein the open side wall portions are situated in a non-overlapping configuration.
- 1 18. The tube of claim 16 wherein the open side wall portions are situated in an overlapping configuration.
 - 19. The tube of claim 16 wherein the open side wall

- 2 portions are separated by whole cylindrical portions.
- 20. The tube of claim 19, further comprising a ligature
 being tied to each of the whole cylindrical portions whereby flow
- 3 through the whole cylindrical portions may be prevented.
- 1 21. The tube of claim 20 wherein the ligatures are comprised of slip knots.
- 1 22. The tube of claim 15 wherein the tube comprises a
 2 proximal end and a distal end with the distal end comprising the
 3 tube end being split.
 - 23. The tube of claim 22 wherein an anchor location of the tube for connection of the anchor location to the sclera at the limbus is located on the proximal end of the tube.
- 1 24. The tube of claim 22 wherein an anchor located on the 2 distal end of the tube comprises a split end of the tube wherein 3 the end of the tube is split multiple times which split portions, 4 after a bleb is formed around them, serve as an anchor.
- 1 25. The tube of claim 16 wherein the diameter of the tube 2 is approximately three hundred microns.

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- 1 26. The anchor of claim 22 wherein the split end is 2 bifurcated.
- 1 27. The anchor of claim 22 wherein the split end is quadricated.
- 1 28. The tube of claim 16 wherein a cross section of the 2 open side walled portion normal to the length of the tube is in 3 the shape of an arch.
 - 29. A cylindrical tube for implantation into an eye to serve as a conduit of aqueous humor to bypass angle structures, comprising a series of lateral portions of the tube being removed along the length of the tube thereby exposing the interior of the tube.
- 1 30. The tube of claim 29 wherein the series of removed 2 lateral portions are separated by whole cylindrical portions.
- 31. The tube of claim 30 wherein a ligature is tied to each of the whole cylindrical portions whereby flow through the whole cylindrical portions may be prevented.
- 1 32. A cylindrical tube for implantation into an eye to 2 serve as a conduit of aqueous humor to bypass angle structures,

- 3 comprising:
- 4 (1) a lateral portion of the tube being removed thereby 5 exposing the interior of the tube; and,
- 6 (2) an extending portion extending outwardly from at least
 7 one side of the exposed interior of the tube, the portion having
 8 a cross section in the form of a wavy closed curve.
- 1 33. The cylindrical tube of claim 32 wherein the wavy closed curve is scalloped.
- 1 34. The cylindrical tube of claim 32 wherein the wavy closed curve is star shaped.
 - 35. The cylindrical tube of claim 32 wherein the scalloped portion has a radius of approximately 50 microns from the center to the tip of the scallop, a tip width of approximately 5 microns, and extends up to 20 millimeters in a normal direction from the tube.
- 1 36. The cylindrical tube of claim 32 wherein the extending 2 portion extends in a direction normal to the tube.
- 37. A method for reducing intraocular pressure by creating 2 a cylindrical bleb for producing improved accessory filtration by 3 implanting a cylindrical tube having a proximal end and a distal

- 4 end, the distal portion of the cylindrical tube side wall being
- 5 removed, into an eye to\serve as a conduit for aqueous humor to
- 6 bypass angle structures and a nidus for capsule formation,
- 7 comprising the steps of:
- 8 (1) implanting the distal portion of the cylindrical
- 9 tube under the conjunctiva
- 10 (2) inserting the proximal, intact end of the tube
- into the anterior chamber through a needle track;
- 12 (3) allowing sufficient time for a bleb to grow around
- 13 the tube; and,
- 14 (4) releasing a ligature around the proximal end to
- inflate the bleb.
 - 1 38. The method of claim 37 comprising the additional step
- 2 after step (1) of/anchoring the proximal end of the cylindrical
- 3 tube to the sclera at the limbus.
- 1 39. The method of claim 37 comprising the additional step
- 2 after step (2) of ligating the distal \end/to the needle track to
- 3 prevent hypotony.
- 1 40. The method of claim 37 compristing the additional step
- 2 after step (2) of placing a soluble plug between the tube and the
- 3 needle track to prevent hypotony.

- 1 41. The method of claim 37 comprising the additional steps 2 after step (4) of:
- (5) measuring the introcular pressure to determine if
 additional drainage is required; and,
- (6) if additional drainage is required, releasing
 additional ligature(s) whereby additional blebs are inflated.
 - 1 42. An implant for reduction of intraocular pressure 2 comprising means for customizing the hydraulic conductance of the 3 implant by increasing the surface area after installation without 4 requiring further surgery.